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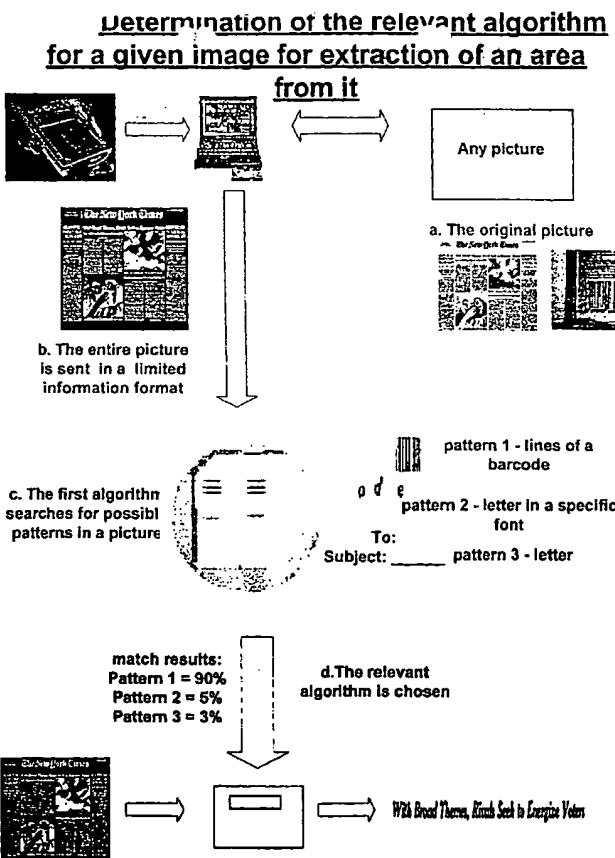
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(54) Title: A METHOD FOR SELECTIVE IMAGE ACQUISITION AND TRANSMISSION



(57) Abstract: A method of transmitting an image is disclosed. The method comprises transmitting from a mobile imaging device an entire image at a first resolution. The transmitted image is received and characteristics patterns contained therein are determined. An appropriate imaging algorithm is selected in accordance with the determined characteristic patterns. The mobile imaging device is commanded to re-transmit certain portions of the entire image in accordance with the selected imaging algorithm. Finally the certain portions are retransmitted from the mobile imaging device at a second resolution, which is substantially higher than said first resolution.

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## INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**  
**IPC 7 H04N1/41**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**Minimum documentation searched (classification system followed by classification symbols)  
**IPC 7 H04N G06F G06T**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

**EPO-Internal****C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                             | Relevant to claim No. |
|------------|--|-----------------------|
| X          | US 5 724 579 A (TAKESHI SUZUKI)<br>3 March 1998 (1998-03-03)   | 2                     |
| A          | column 1, line 6 - line 61<br>column 6, line 17 -column 7, line 16<br>---                                      | 1,3-6                 |
| A          | US 5 615 324 A (SHOICHI KUBOYAMA)<br>25 March 1997 (1997-03-25)<br>column 1, line 39 -column 2, line 66<br>--- | 1-5                   |
|            |  | -/-                   |

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Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| A          | A. ENTGELMEIER ET AL.: "Brücken schlagen<br>- Entwicklung eines Framegrabber als<br>PCI-Einsteckkarte"<br>ELEKTRONIK,<br>vol. 47, no. 25,<br>8 December 1998 (1998-12-08), pages 70,<br>73-78, XP000876208<br>FRANZIS VERLAG GMBH. MUNCHEN., DE<br>ISSN: 0013-5658<br>page 74, left-hand column, line 11 - line<br>26<br>----<br>EP 0 442 054 A (INTERNATIONAL BUSINESS<br>MACHINES CORPORATION)<br>21 August 1991 (1991-08-21)<br>column 7, line 41 -column 8, line 12<br>----- | 4                     |
| A          |  | 2,6                   |

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 02/02484

| Patent document cited in search report |   | Publication date |                      | Patent family member(s)                            |  | Publication date                                     |
|--|---|------------------|----------------------|--|--|--|
| US 5724579                             | A | 03-03-1998       | JP                   | 7245723 A  |  | 19-09-1995   |
| US 5615324                             | A | 25-03-1997       | JP<br>DE             | 7262371 A<br>19507780 A1                           |  | 13-10-1995<br>21-09-1995                             |
| EP 442054                              | A | 21-08-1991       | US<br>EP<br>EP<br>JP | 5038392 A<br>0442054 A2<br>0734146 A2<br>6139325 A |  | 06-08-1991<br>21-08-1991<br>25-09-1996<br>20-05-1994 |

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